

CERAMIC CARRIER AND CERAMIC CATALYST BODY

5

ABSTRACT OF THE DISCLOSURE

10

It is an object of the present invention to provide a ceramic catalyst body with a better catalyst performance by using a ceramic carrier capable of directly supporting a catalyst component.

15

The ceramic carrier of the present invention has a multitude of pores or element capable of directly supporting the catalyst on the surface of the substrate ceramic and a multitude of cells disposed substantially parallel to each other with the inside thereof serving as gas flow passage, and the cell wall has an irregular surface. Since the irregular surface of the cell wall results in larger surface area, an improvement in the conversion performance due to increased quantity of catalyst supported can be achieved or the distance between the catalyst particles can be made larger to thereby prevent deterioration. The irregular surface also disturbs the gas flow near the catalyst so that the probability of making contact with the catalyst increases thus resulting in improved conversion performance.

20

25

090672229560